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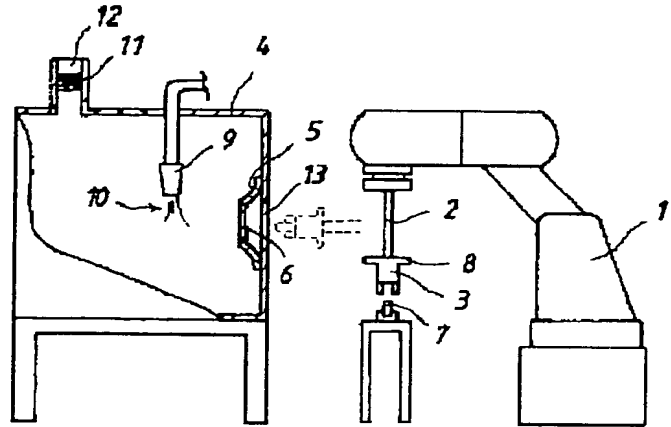
APPLICATION DATE : 09-01-96
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TITLE : AUTOMATIC DEBURRING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To protect an operator from a disease of a respiratory system, and enhance durability of an equipment.

SOLUTION: A workpiece 7 is held by opening and closing a hand 3 which is arranged on the tip of an arm 2 of a robot 1 and is covered with an abrasion resistant elastic body, and the workpiece 7 is entered into a grinding/polishing/ cleaning chamber 4 from a hole part 6 of a cover 5 of an inserting port 13 arranged in the grinding/polishing/cleaning chamber 4. At this time, the cover 5 comes into contact with a flange 8 of the hand 3, and the workpiece 7 and the hand 4 are exposed in the grinding/polishing/cleaning chamber 4, and the hole part 6 of the cover 5 is blocked up by the flange 8. Next, positioning- posture control of the arm 2 is optionally performed, and a grinding/polishing/ cleaning material 10 is projected from a grinding/polishing/cleaning nozzle 9, and the grinding/polishing/cleaning material 10 is projected on an optional place of the workpiece 7.

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